



AVOX Systems

Executive Mark II Portable Oxygen System



The AVOX Systems MARK II is a very versatile portable oxygen system that meets the high standards of aircraft manufacturers, yet is economical to own and operate. Masks are not included with the assembly.

The MARK II provides a constant flow of oxygen for one to four people up to 16,500 feet or to 23,000 feet with optional accessories (meets F.A.R. Part 23.1443 requirements).

Outstanding Features

- Constant flow oxygen per F.A.R. Part 23.1443 for one to four people to 16,500 feet
- Optional accessories increase rating to 23,000 feet
- DOT rated 3AA 1800 PSI (12.4 MPa) 22 cubic foot cylinder
- Manually adjustable altitude flow regulator
- Handy carrying strap
- Lightweight, versatile, compact and portable
- Self-contained
- Duration versatility based on optional cylinder size
- Two outlets standard

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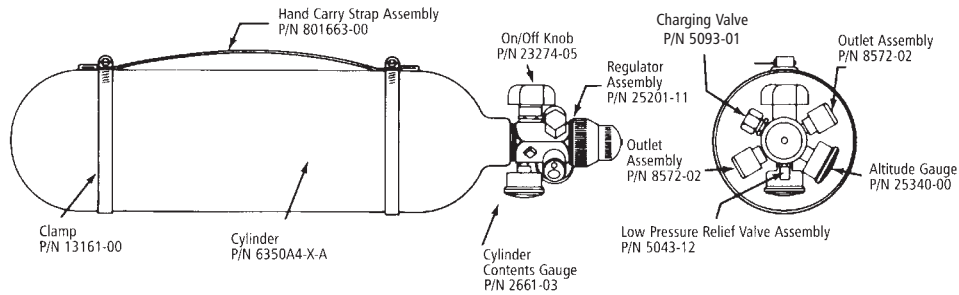
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Specifications

Models	#25200-22		#25200-38*		#25200-48*		#25200-63*	
Weight:	14.0 lb.	6.34 kg.	21.5 lb.	9.74 kg.	29.0 lb.	13.14 kg.	34.3 lb.	15.53 kg.
Length:	22 3/4 in.	557.85 mm	23 1/2 in.	596.90 mm	27 3/4 in.	704.85 mm	31 in.	787.40 mm
Diameter:	5 1/4 in.	133.35 mm	6 3/4 in.	171.45 mm	6 3/4 in.	171.45 mm	7 1/4 in.	184.15 mm
Cylinder Capacity:	22 cu. ft.	623 LTR.	38 cu. ft.	1075 LTR.	48 cu. ft.	1358 LTR.	63 cu. ft.	1783 LTR.

*Special Order

Altitude		Number of Persons*			
Feet	Meters	1	2	3	4
12,500	3,810.0	8.0 Hrs.	4.0 Hrs.	2.7 Hrs.	2.0 Hrs.
15,000	4,572.0	7.0 Hrs.	3.5 Hrs.	2.3 Hrs.	1.8 Hrs.
16,500	5,029.2	6.2 Hrs.	3.1 Hrs.	2.1 Hrs.	1.6 Hrs.
With Optional Plug-In Coupling #8570-05 (Green Stripe)					
23,000	7,010.0	4.5 Hrs.	2.3 Hrs.	1.5 Hrs.	1.1 Hrs.

*Average duration in hours from a 22 cubic foot cylinder fully charged to 1800 PSI.

Accessories	Part No.	Description
Duo-Seal® Mask	28312-11	Natural rubber oral-nasal molded mask with Flow Indicator Assembly P/N 8540 and standard plug-in coupling. Provides long duration comfort.
Duo-Seal® Mask with Microphone	28316-11	Same as above with carbon microphone.
Sky Mask	28314-11	Soft rubber-like oral-nasal mask with Flow Indicator Assembly P/N 8540-00 and standard plug-in coupling.
Dual Manifold Assembly	8830-10	Provides a means of connecting two masks to a single outlet.
Filler Coupling	5020-01	Connected between the portable unit and the source of oxygen. Fits CGA Type 541 oxygen valve outlet.
"Papoose" Oxygen Holder	24200-01	Holds portable oxygen system and masks to back of pilot seat (22 cubic feet).
Therapeutic Coupling	8586-00	Special high flow, 7.5 lpm plug-in for therapeutic applications.

Note: Masks are not included in assembly.

WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS INJURY OR DEATH.

THIS EQUIPMENT IS INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AND IS TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL AVAILABLE FROM

AVOX SYSTEMS AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.